

中国蔷薇科植物分类之研究 (五)

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TAXA NOVA ROSACEARUM SINICARUM (V)

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Key words Rosaceae; *Amygdalus*; *Armeniaca*; *Cerasus*; *Padus*; *Pygeum*; *Maddenia*; *Sorbus*; Species nova

关键词 蔷薇科; 桃属; 杏属; 樱属; 稠李属; 臀果木属; 臭樱属; 花楸属; 新种

作者们在编写《中国植物志》过程中, 发现一些新类群, 现以《中国植物志》第三十八卷李亚科的分类系统为序予以报道。同时附带发表花楸属一新种。

桃属 *Amygdalus* L.

组 3. 有柄组 Sect. **Pedunculatae** Yü et Lu, sect. nov.

Calyx campanulatus ad late campanulatus; putamen extus vadoso-sulcatum; frutex, raro arbuscula, inermis vel spinosa. Typus sectionis: *A. pedunculata* Pall.

组 4. 孔核组 Sect. **Persicae** Yü et Lu, sect. nov.

Calyx campanulatus; putamen extus sulcatum et foveatum; arbor inermis. Typus sectionis: *A. persica* L.

组 5. 沟核组 Sect. **Mirae** Yü et Lu, sect. nov.

Calyx campanulatus; putamen extus laeve, vadoso-foveatum; arbor vel frutex, inermis. Typus sectionis: *A. mira* (Koehne) Yü et Lu

杏属 *Armeniaca* Mill.

洪平杏 新种 图版 1:1

Armeniaca hongpingensis C. L. Li, sp. nov.

A. holosericeae (Batal.) Kost. similis, quae foliis ovatis vel elliptico-ovatis, subtus pubescentibus; pedicellis fructiferis 4—7 mm longis; putaminibus ovato-ellipsoideis vel

ellipsoideis, extus rugosis differt. Species *A. mume* Sieb. similis, quae ramulis viridibus, foliis subtus pubescentibus, pedicellis fructiferis fere nullis differt.

Arbor, usque ad 10 m alta; cortex cinereo-brunneus, irregulariter ruptilis; ramuli pallide brunnei ad rubro-brunnei, vetustate glabri. Folia elliptica ad elliptico-ovata, 6—10 cm longa, 2.5—5 cm lata, apice longe acuminata ad caudata, basi rotundata, margine dense arguteque serrata, supra laxe pilosa, subtus dense brunneo-villosa; petioli 1.5—2 cm longi, dense pubescentes. Fructus subrotundatus, 3.5—4.5 cm longus, c. 3.5 cm latus, dense brunneo-pubescent; pedicelli fructiferi 7—10 mm longi; putamen ellipsoideum, sat compressum, apice acutum, extus foveolatum, basi subsymmetricum, ventre sulco longitudinale et angulo obtuso praeditum.

Hubei (湖北): Hongping(洪平), alt. 1800m, 31 VII 1977, Shennongjia Exped. (神农架考察队) 34031 (Holotypus, WUBI).

本种和藏杏 *A. holosericea* (Batal.) Kost. 接近,但后者叶片卵形或椭圆卵形,下面被柔毛;果梗长4—7毫米;核卵状椭圆形或椭圆形,表面具窝孔。又和梅 *A. mume* Sieb. 近似,区别在于后者小枝绿色,叶片下面被短柔毛;果梗近无毛。

樱属 *Cerasus* Mill.

长腺樱桃 新种 图版 1:2

Cerasus claviculata Yü et C. L. Li, sp. nov.

Species ex affinitate *C. conadeniae* (Koehne) Yü et Li et *C. polytrichae* Koehne, ab illa foliis bracteisque margine clavato-glandulosis, fere aristatis, calycis tubo campanulato, basi inflato, lobis 1.5—2 mm longis, eo 2—3-plo brevioribus; ab hac racemis corymbosis, foliis utrinque pilosis, bracteis magnis, margine clavato-glandulosis differt.

Arbor vel frutex arboreus, 2—8 m altus; cortex fusco-brunneus; ramuli cinereo-brunnei, juventute virides, pilosi vel pubescentes; gemmae ovoideae, squamis extus glabris praeditae. Folia late elliptica vel obovato-oblonga, 4—9 cm longa, 3—5 cm lata, apice abrupte caudata, basi late cuneata, margine argute duplicato-serrata, serraturis apice longe gracileque aristatis, supra saturate viridia, pubescentia, subtus viridia, pilosa, nervis lateralibus 8—12-jugis; petioli 0.8—2 cm longi, pilosi, apicem versus interdum glandulis 1-jugis praediti vel eglandulosi; stipulae c. 6 mm longae, pinnatim laciniatae, laciniis vel serraturis apice clavato-glandulosis. Racemi umbellati, 4—9 cm longi; flores 4—5, foliaque simultanei, basi bracteis 1—2 viridibus, obovato-oblongis, 1—2 cm longis, c. 5 mm latis, extus glabris, intus pilosis, margine laxo clavato-glandulosis praediti; rachis pilosa; bracteolae virides, rotundatae vel ovatae, 0.7—1.2 cm longae, 0.5—1 cm latae, sub fructu persistentes, paulo auctae, supra pilosae, subtus subglabrae, margine laxo clavato-glandulosae; pedicelli 1—2.5 cm longi, pilosi; calycis tubus tubuloso-campanulatus, basi paulo inflatus, c. 7 mm longus, c. 6 mm latus, extus basi pilosus vel subglaber; calycis lobi late triangulati, 1.5—2 mm longi, apice acuti, integri, laxo ciliati; petala alba vel rubella, late elliptica, 7—8 mm lata, paulo breviora quam longiora; stamina c. 36, filamentis inaequalibus; stylus stamina fere aequans, stigmatibus inflato. Drupa elliptico-ovoidea, c. 8 mm longa, 6 mm diam.; putamen extus paulo angulatum.

Shanxi (山西): Yuanqu(垣曲), alt. 2300m, 28 V 1959, Bao Shi-ying(包士英)00212 (Holotypus, PE); Huo Xian (霍县), alt. 2000m, Huanghe Exped. (黄河队)747。

本种近似于锥腺樱桃 *C. conadenia* (Koehne) Yü et Li 和多毛樱桃 *C. polytricha* Koehne, 但与前者的区别为叶片及苞片边缘腺体呈细棒状, 使叶边缘近似芒状; 萼筒钟状, 基部膨大, 萼片较短, 长约 1.5—2 毫米, 仅为萼片长度的 1/3—1/4。与后者区别花序为伞房状总状花序, 叶片两面被稀疏柔毛; 苞片大形, 边缘具细棒状腺体。

迎春樱桃 新种 图版 1:3

***Cerasus discoidea* Yü et C. L. Li, sp. nov.**

Affinis *C. dielsianae* Schneid., sed foliis, stipulis bracteisque margine serratis, serraturis apice glandula sessili discoidea praeditis, foliis utrinque sparse pilosis, floribus 2 raro 1 vel 3 distat.

Arbor parva, 2—3.5 m alta; cortex cinereo-albus; ramuli purpureo-brunnei, juventute pilosi vel glabri; gemmae ovoideae, glabrae. Folia obovato-oblonga vel longe elliptica, 4—8 cm longa, 1.5—3.5 cm lata, apice abrupte caudata vel caudata, basi cuneata raro subrotundata, margine argute inciso-serrata, serraturis apice discoideo-glandulosis, supra atro-viridia, laxe pilosa, subtus pallide viridia, pilosa, juventute densius pubescentia, nervis lateralibus 8—10-jugis; petioli 5—7 mm longi, juventute pilosi, demum subglabri, apicem versus 1—3-glandulosi; stipulae anguste loratae, 5—8 mm longae, margine discoideo-glandulosae. Flores 2, raro 1 vel 3, in umbellam dispositi, basi squamis brunneis, coriaceis muniti; bractee brunneae, obovato-ellipticae, 3—4 mm longae, 2—3 mm latae, extus glabrae, intus pilosae, margine dentato-lobatae, dentibus apice discoideo-glandulosis; pedunculus 3—10 mm longus, pilosus vel glaber, a squamis coriaceis cinctus vel ex eis paulo exsertus; bracteolae coriaceae, virides, subrotundatae, 2—4 mm diam., margine discoideo-glandulosae, subglabrae; pedicelli 1—1.5 cm longi, pilosi; calycis tubus cylindrico-campanulatus, 4—5 mm longus, 2—3 mm latus, extus pilosus; calycis lobi oblongi, 2—3 mm longi, apice obtusi vel apiculati; petala rubella, longe elliptica, apice bilobata; stamina 32—40; stylus glaber, stigmatate inflato. Drupa rubra, maturitate c. 1 cm diam.; putamen extus paulo angulatum.

Zhejiang (浙江): Xitianmu Shan (西天目山), alt. 1080m, 24 V 1957, Deng Mao-bin et al. (邓懋彬等) 4073 (Holotypus, PE); Hangzhou (杭州); sine coll. 1916。

本种和尾叶樱桃 *C. dielsiana* Schneid 相似, 不同在于本种叶片、托叶和苞片边缘锯齿顶端的腺无柄呈盘状; 花 2 朵, 稀 1 或 3 朵; 叶片两面仅伏生疏柔毛, 可以区别。

稠李属 *Padus* Mill.

褐毛稠李 新种 图版 1:4

***Padus brunnescens* Yü et Ku, sp. nov.**

Proxima *P. brachypodae* (Batal.) Schneid., a qua differt ramulis juventute fusco-brunneo-velutinis, foliis subtus dense fusco-brunneo-pubescentibus, ellipticis raro ovato-oblongis, basi cordatis raro subrotundatis; pedunculo ut pedicellis brunneo-pubescentibus.

Arbor decidua, parva, 7—12 m alta; rami nigro-brunnei, glabri, lenticellis pallidis, sparsis, oblongis obsiti; ramuli rubro-brunnei vel purpureo-brunnei, juventute fusco-velutini, demum subglabri; gemmae ovoideae, saepe glabrae. Folia elliptica vel ovato-oblonga, 8—14 cm longa, 4—8 cm lata, apice acuta vel acuminata raro caudata, basi cordata raro rotundata, margine argute appresso-serrata, serraturis apice aristatis, supra saturate

viridia, glabra, costis et nervis lateralibus impressis, subtus pallida vel fusco-brunnea, dense fusco-pubescentia vel saltem secus nervos vel in axillis nervorum lateralium fusco-brunneo-pubescentia, costis et nervis lateralibus elevatis; petioli 1.5—2.3 cm longi, glabri vel fusco-pubescentes, apice in utroque latere glandula unica praediti; stipulae membranaceae, lineares, caducae. Racemi multiflori, 7—22 cm longi, dense fusco-pubescentes, basi foliis 1—3 oblongis, 4—8 cm longis, 2—2.5 cm latis, subtus fusco-brunneo-pubescentibus, margine argute aristato-serratis suffulti. Drupa globosa vel ovoideo-globosa, apice acuta, c. 5 mm diam., rubro-brunnea vel purpureo-brunnea, glabra; pedicelli fructiferi c. 4 mm longi, fusco-pubescentes; calycis lobi decidui, utrinque fusco-pubescentes; patamen laeve.

Sichuan (四川): Hongxi (洪溪), alt. 2000m, 17 VII 1959, Pl. Econ. Exped. (川经植队) 1300 (Holotypus, PE); Ebian (峨边), Yao Zhong-wu (姚仲吾) 4382.

本种和短梗稠李 *P. brachypoda* (Batal.) Schneid. 近似, 唯本种小枝幼时被棕褐色短柔毛, 叶片下面密被棕褐色短柔毛, 总花梗和花梗均被褐色短柔毛; 叶片椭圆形, 稀卵状长圆形, 基部多为心形, 稀近圆形, 易区别。

全缘叶稠李 新种

Padus integrifolia Yü et Ku, sp. nov. — *Prunus cornuta* (Wall. ex Royle) Steud. var. *integrifolia* Yü in Fl. Xizang. 2:692. 1984. nom. nud.

Species *P. cornutae* (Wall. ex Royle) Carr. affinis, a qua imprimis differt foliis integris, secus costam et in axillis nervorum lateralium velutinis, petiolis dense velutinis, calycis tubo intus velutino. Affinis *P. obtusae* (Koehne) Yü et Ku, quae foliis margine serrulatis, utrinque glabris; petiolis glabris distinguitur.

Arbor decidua, parva, 2—7 m alta; rami purpureo-brunnei vel nigro-brunnei, glabri, lenticellis sparsis, pallidis obsiti; ramuli rubro-brunnei, juventute velutini, demum glabri; gemmae ovoideae, purpureo-rubri, squamis imbricatis praeditae. Folia elliptica, elliptico-ovata, raro oblonga, 7—10 (—12) cm longa, 3—4.5 cm lata, apice breviter acuminata, basi subrotundata vel late cuneata, margine integra raro supra medium laxe serrata supra saturate viridia, secus costam et in axillis nervorum lateralium laxe velutina, ceterum glabra, subtus pallida, nervis conspicue elevatis; petioli 1.5—2.2 cm longi, dense velutini; stipulae caducae. Racemi floribundi, 8—13 cm longi, basi foliis 1—3, 2.5—5 cm longis 1.4—2.3 cm latis suffulti; pedicelli 4—6 mm longi, ut pedunculus dense velutini. Drupa ovoidea, compressa, 6—7 mm diam., apice breviter acuta, nigra, glabra; pedicelli fructiferi breves, dense velutini; calycis lobi decidui, utrinque pubescentes.

Xizang (西藏): Gyirong (吉隆), alt. 3100m, 17 VII 1975, Qing-Zang Exped. (青藏队) 6959 (Holotypus, PE); ibidem, sine coll. 516; ibidem, alt., 2900m Xizang Exped. Med. Pl. (西藏中草药普查队) 173; Qing-Zang Exped. Veg. Group (青藏队植被组) 4668; sine coll. 437.

本种和光萼稠李 *P. cornuta* (Wall. ex Royle) Carr. 近似, 唯本种叶片全缘, 上面沿中脉和侧脉基部被短绒毛, 叶柄密被短绒毛, 萼筒内被短柔毛可以区别。又本种和细齿稠李 *P. obtusa* (Koehne) Yü et Ku 近似, 唯后者叶片边缘具细密锯齿, 两面无毛, 叶柄无毛而不同。

臀果木属 *Pygeum* Gaertn.

长圆臀果木 新种 图版 2:1

Pygeum oblongum Yü et Lu, sp. nov.

Species *P. lancilimbo* Merr. affinis, quod foliis petiolisque in vetustate glabris, bracteis 3.5—5 mm longis, profunde trifidis, lobis linearibus, drupa minore, oblongo-ovoidea, c. 15 mm longa, 10 mm lata distinguitur.

Arbor ad 4 m alta; ramuli cinereo-brunnei ad atropurpureo-brunnei, plus minusve minute lenticellati, initio ferrugineo-pilosi demum glabri. Folia subcoriacea vel coriacea, lanceolata, 8—13 cm longa, 2—3.5 cm lata, apice acuminata ad caudata, basi cuneata, integra, supra glabra, subtus dense ferrugineo-pilosa, prope basim saepius eglandulosa, rarius glandibus basalibus 2 planis instructa, nervis lateralibus 6—8-jugis, subtus elevatis; petioli 8—10 mm longi, dense ferrugineo-pilosi; stipulae deciduae. Racemi solitarii vel 2—3 fasciculati, axillares, 1.5—3 cm longi, ferrugineo-pilosi; pedicelli 1—2 mm longi; bractee 1—2 mm longae, ovato-lanceolatae vel lanceolatae, deciduae; flores diam. 2—3 mm; calyx extus ferrugineo-pilosus; tubus calycis cupulatus; sepala 5, triangulari-lanceolata, 1—1.5 mm longa, apice acuminata; petala oblonga, obtusa, sepalis subaequilongia; stamina c. 10 vel plura; ovaria glabra. Drupa oblonga, 16—20 mm longa, 10—12 mm lata, atropurpureo-brunnea glabra.

Yunnan (云南): Pingbian (屏边), alt. 2000m, 9 X 1954, K. M. Feng (冯国楣) 4789 (Holotypus, PE); Jinping (金平), Huang Quan (黄全) 376.

本种和缅甸、越南产的 *P. lancilimbum* Merr. 比较, 后者叶片和叶柄在成熟时均无毛; 苞片长 3.5—5 毫米, 深 3 裂, 裂片线形; 果实较小, 长圆状卵形, 长约 15 毫米, 宽 10 毫米, 可以区别。

大果臀果木 新种 图版 2:2

Pygeum macrocarpum Yü et Lu, sp. nov.

Habitu *P. laxifloro* Merr. ex Li affinis, sed foliis ellipticis vel oblongo-ellipticis, 10—18 cm longis, 5—9 cm latis, apice in acumen breviusculum sat abrupte constrictis, basi rotundatis, drupa complanato-ovoideo-globosa, diam. c. 15—18 mm recedit.

Arbor parva, 8—10 m alta; ramuli purpureo-brunnei vel obsolete cano-brunnei, juventute brunneo-pilosi demum glabrescentes, lenticellis numerosis obsiti. Folia chartacea ad subcoreacea, elliptica vel oblongo-elliptica, 10—18 cm longa, 5—9 cm lata, apice in acumen breviusculum sat abrupte constricta, basi rotundata, integra, supra olivaceo-brunnea, subtus pallidiora, utrinque glabra in vetustate vel rarius subtus in nervis sparsim brunneo-pilosa, ad basim biglandulosa vel eglandulosa, nervis lateralibus 6—8-jugis subtus elevatis; petioli 10—12 mm longi, initio pilosi mox glabrescentes; stipulae deciduae. Racemi solitarii vel 2—3 fasciculati, axillares; pedunculi, pedicelli calyceoque brunneo-pilosi; bractee deciduae. Drupa complanata ovoideo-globosa, diam. c. 15—18 mm, purpureo-brunnea, glabra, minute apiculata.

Yunnan (云南): Jinping (金平), alt. 500m, 16 V 1943, P. C. Tsoong (钟补勤) et K. R. Kuang (匡可任) 321 (Holotypus, PE); Malipo (麻栗坡), C. W. Wang (王启无) 86463, 86658; sine loc., Yunnan Compl. Exped. (云南综考队) 8348.

本种和疏花臀果木 *P. laxiflorum* Merr. ex Li 相近,但叶片椭圆形或长圆椭圆形,长10—18厘米,宽5—9厘米,顶端突然狭缩成短尖头,基部圆形;果实卵球形,直径约15—18毫米。

臭樱属 *Maddenia* Hook. f. et Thoms.

锐齿臭樱 新种 图版 2:3

Maddenia incisoserrata Yü et Ku, sp. nov.

Proxima *M. hypoxanthae* Koehne, a qua differt foliis subtus glabris, margine profunde inciso-serratis; stipulis membranaceis; inflorescentiis brevioribus densisque. Species *M. wilsonii* Koehne similis, sed foliis subtus glabris, inflorescentiis densis spiciformibus, 3—5 cm longis differt.

Frutex 2—5 m altus; ramuli perennes nigri vel purpureo-nigri, glabri, ei hornotini rubro-brunnei, dense brunneo-pubescentes, gradatim glabrescentes; gemmae oblongae vel ovoideae, rubro-brunneae, squamis imbricatis, ad 1.5 cm longis, apice acutis, extus pubescentibus praeditae. Folia ovato-oblonga vel oblonga, raro elliptica, 5—10(—15) cm longa, 3—5(—8) cm lata, apice acuta vel acuminata raro caudata, basi subrotundata vel late cuneata, margine duplici-inciso-serrata, supra saturate viridia, glabra vel interdum pilosissima, subtus pallide viridia, glabra, nervis lateralibus 12—17-jugis, costa ut nervis conspicue prominente et fulvida; petioli 2—3 mm longi, fusco-brunneo-villosi; stipulae membranaceae, lanceolatae vel lineares, usque ad 1.5 cm longae, apice acuminatae, margine glanduloso-serratae vel in dimidio superiore integrae, in dimidio inferiore glandulosae. Racemi 3—5 cm longi; flores numerosi, aggregati; pedicelli c. 2 mm longi, ut pedunculus dense brunneo-pubescentes; bractae membranaceae, lanceolatae vel lineares, margine glanduloso-serratae vel eglandulosae; calycis tubus campanulatus, extus pilosus, intus subglaber; calycis lobi oblongi, apice acuti, integri, eo 2—3-plo breviores; stamina 30—35; carpellum glabrum, stylo gracili, exserto. Drupa ovoidea C. 8 mm diam., apice acuta, purpureo-nigra glabra; pedicelli fructiferi brunnei; calycis lobi persistentes.

Sichuan (四川): Hei Shui (黑水), alt. 2880m, 16 VII 1957, X. Li (李馨) 73195 (Holotypus, PE); ibidem, Pl. Econ. Exped. (川经植队)1251。

Shaanxi (陕西): Taibai Shan (太白山), alt. 1500m, 18 IV 1937, T. P. Wang (王作宾)6526, 6551。

Gansu (甘肃): Baiyanglin (白杨林), 15 V 1956, Huanghe Exped. (黄河队)395, 408; Min Xian (岷县) alt. 2400m, 26 V 1957, Huanghe Exped. (黄河队)3241。

Henan (河南): Lushi (卢氏) alt. 1760m 10 VII 1957, Chen Ling-zhi et al. (陈灵芝等)34526。

Guizhou (贵州): Zunyi (遵义), 9 IV 1959, Guizhou Bor Exped. (黔北队) 0086。

本种和四川臭樱 *M. hypoxantha* Koehne 相近似,但本种叶片下面无毛,边缘具有深缺刻状锯齿;托叶膜质;花序较短而密集,可以区别。又本种近似华西臭樱 *M. wilsonii* Koehne, 唯本种叶片下面无毛,花序密集如穗状,长3—5厘米,也可区别。

花楸属 *Sorbus* L.

栎叶花楸 新种 图版 2:4

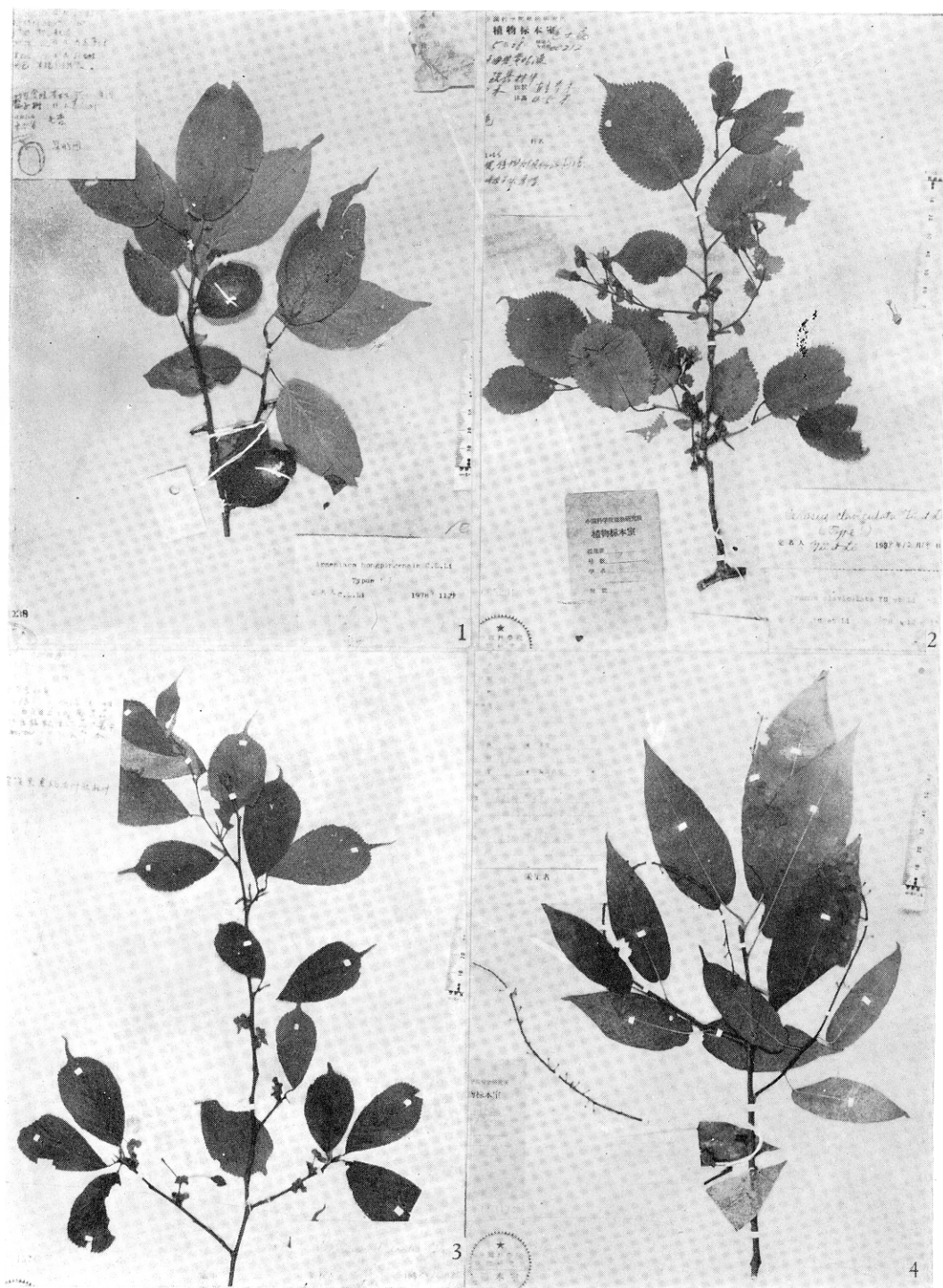
***Sorbus carpinifolia* Yü et Lu, sp. nov.**

Species *S. argutae* Yü similis, a qua foliis ellipticis vel oblongo-ellipticis, margine inaequaliter simpliciter serratis, nervis paucioribus utrinsecus 7—11, fructibus 2-locularibus distinguitur.

Frutex c. 3.5—8 m altus; ramuli teretes, cinereo-brunnei, glabri in vetustate, lenticellis sparsis instructi; gemmae elongato-ovoideae, acutae, pauciperulatae, glabrae. Folia elliptica vel oblongo-elliptica, 5—8 cm longa, 2—3.5 cm lata, apice acuta ad breviter acuminata, basi cuneata, margine inaequaliter simpliciter serrata, utrinsecus glabra, interdum subtus in axillis nervorum tomentoso-pilosa, nervis 7—11 fere rectis in dentes excurrentibus, supra impressis, subtus elevatis; petioli 1—1.5 cm longi, glabri. Corymbosi pauci-flori; pedunculi et pedicelli juventute tomentoso-pilosi mox glabri. Fructus subglobosus, 1—1.2 cm diam., rubro-brunneus, pauci-lenticellatus, 2-locularis, apice calyce persistente praeditus.

Yunnan (云南): Malipo (麻栗坡), alt. 1000—1800m, 6 XI 1947, K. M. Feng (冯国楫)12955 (Holotypus, PE), 13573; Xichou (西畴), K. M. Feng (冯国楫)12461。

本种和锐齿花楸 *S. arguta* Yü 近缘, 但叶片椭圆形或长圆状椭圆形, 边缘具不整齐单锯齿, 上半部锯齿较尖锐, 侧脉 7—11 对, 近似鹅耳枥叶; 果实 2 室。



1. 洪平杏 *Armeniaca hongpingensis* C. L. Li 2. 长腺樱桃 *Cerasus claviculata* Yü et C. L.
Li 3. 迎春樱桃 *C. discoidea* Yü et C. L. Li 4. 褐毛稠李 *Padus brunnescentis* Yü et Ku



1.长圆臀果木 *Pygeum oblongum* Yü et Lu 2.大果臀果木 *P. macrocarpum* Yü et Lu 3.锐齿臭樱 *Maddenia incisoserrata* Yü et Ku 4.桤叶花楸 *Sorbus carpinifolia* Yü et Lu